

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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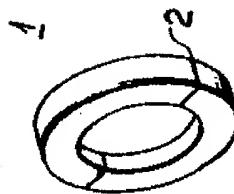
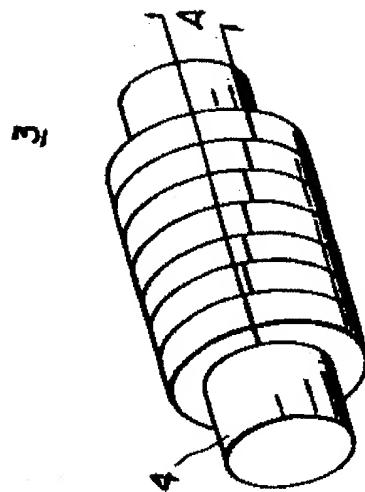
APPLICATION DATE : 05-07-83  
APPLICATION NUMBER : 58121929

APPLICANT : NIPPON ELECTRIC IND CO LTD;

INVENTOR : SAITO MORIHIRO;

INT.CL. : H02K 21/06 H02K 23/04

TITLE : LAMINATED MAGNET FOR MOTOR



ABSTRACT : PURPOSE: To enable to simply manufacture poles having a skew by laminating a plurality of annular or crescent anisotropic magnets while gradually displacing.

CONSTITUTION: Annular anisotropic magnet 1 is radially magnetized. The magnets 1 are laminated so as to circumferentially displace gradually in magnetizing direction, contacted fixedly to each other, thereby forming poles 3 having a skew as a whole by gradually displacing boundary lines 2 of magnetic domains A shaft 4 is inserted fixedly to the poles 3 having the skew to complete a rotor. The rotor can be similarly constructed even by using crescent anisotropic magnets.

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